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1 [Energy conservation in wireless sensor networks: A survey](#)
Giuseppe Anastasi, Marco Conti, Mario Di Francesco, Andrea Passarella
May 2009 **Ad Hoc Networks** . Volume 7 Issue 3

Publisher: Elsevier Science Publishers B. V.

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In the last years, wireless sensor networks (WSNs) have gained increasing research community and actual users. As sensor nodes are generally battery-powered, it is a concern how to reduce the energy ...

Keywords: Energy efficiency, Power management, Survey, Wireless sensor networks

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2 [Adaptive energy-efficient registration and online scheduling for asymmetric mobile networks](#)
Saravanan Balasubramanian, Demet Aksoy
August 2007 **Computer Networks: The International Journal of Computer Networking** . Volume 51 Issue 12

Publisher: Elsevier North-Holland, Inc.

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Increasing onboard processing capabilities of sensors enable self-organization to dynamically adapt to ad hoc topologies and to react to task or network requirements. However, this comes at a cost of additional ...

Keywords: Collision avoidance, MAC, Risk-free sleep time, Scheduling, Sensor networks

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